

25X1

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July 20, 1966

Post Office Box 6766
Fort Davis Station
Washington, D. C. 20020

Declass Review by NGA.

Attention:
Subject:

Gentlemen:

is pleased to enclose two
executed copies of the subject contract

concur with the terms and conditions as
specified, however, there are a few minor clarifications
which have previously been covered in technical dis-
cussions and appear to meet with the satisfaction of your
representatives. The resolution of 300 lines/mm or
greater is a requirement for on axis readings only. The
rhomboid magnification of 2x will have a tolerance of
+0.2x and -0.0x. The field of view will, of course,
vary in proportion to the magnification achieved within
this tolerance.

As you are aware, intends to do some optical
redesign. Where necessary, there will also be some minor
mechanical redesign. The drawings furnished by you will
be used for reference only.

As stated in the contract, the instruments shall provide
the desired performance "when used with the Zoom 70." Our
interpretation of this requirement is that the subject
instrument will provide the desired performance when at-
tached and properly adjusted to a pod meeting at least
the minimum Zoom 70 requirements. The rhomboids will not
necessarily be interchangeable between power pods with-
out readjustment. We expect that there will be two or
possibly three adjustments necessary to align the rhomboids
to the pods. The exact amount of adjustments and tooling
required for this alignment is yet unknown, however, we
shall attempt to minimize both for ease of alignment by

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your representatives at your facility.

We are anxious to receive the prototype instrument which you presently have on hand. If it is agreeable to you, I will arrange for a [] representative to pick up the instrument for shipment back to []

If you have any questions concerning this contract, please contact the writer directly.

Very truly yours,

[]
Contract Administrator
Photogrammetric Contracts Section

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1300



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15 June 1966



our

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Minimum Separation 38.1 mm 38.1 mm

Maximum Separation 231.6 mm 241.3 mm

Rear Rotation 172.5 mm 156.0 mm

Pod Rotation ~~90~~

Rear 4° 9°

Front 48° 53°

Resolution 300 lines

Magnification +0.2X
2X - 0.0XField of view $\frac{1}{2}$ 2X magnification

of Zoom 20

How many adjustments for alignment to the pod?

Optical centering during image rotation: ≤ 1.0 mm with zoom at 3.00

signed receipt in duplicate in case I bring pre-pro back. Logistics

K1 requires these from

15 units

within 4 weeks after approval of pre production unit.